# Viktor Ya Chernii

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8165937/publications.pdf

Version: 2024-02-01

| 42 | 519 | 566801 | 713013 |
|---|---|---|---|
| papers | citations | 15 h-index | 21 g-index |

| 43 | 43 | 43 | 452 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Gallato Zirconium (IV) Phtalocyanine Complex Conjugated with SiO2 Nanocarrier as a Photoactive Drug for Photodynamic Therapy of Atheromatic Plaque. Molecules, 2021, 26, 260. | 1.7 | 4 |
| 2 | Synthesis and spectral characterization of the first fluorescein-tagged iron(<scp>ii</scp>) clathrochelates, their supramolecular interactions with globular proteins, and cellular uptake. RSC Advances, 2021, 11, 8163-8177. | 1.7 | 10 |
| 3 | Modification of insulin amyloid aggregation by Zr phthalocyanines functionalized with dehydroacetic acid derivatives. PLoS ONE, 2021, 16, e0243904. | 1.1 | 8 |
| 4 | Composites based on graphite oxide and zirconium phthalocyanines with aromatic amino acids as photoactive materials. Chemical Papers, 2021, 75, 5421-5433. | 1.0 | 4 |
| 5 | SYNTHESIS AND PROPERTIES OF CHALCONES BASED ON DEHYDROACETIC ACID. Ukrainian Chemistry Journal, 2021, 87, 3-14. | 0.1 | 0 |
| 6 | Esterification vs. 1,3-Dipolar Cycloaddition Synthetic Approaches for Preparation of the Fluorescently Labelled Iron(II) Clathrochelates. Macroheterocycles, 2021, 14, 94-100. | 0.9 | 0 |
| 7 | OUT-OF-PLANE COORDINATED ZIRCONIUM(IV) AND HAFNIUM(IV) PHTHALOCYANINATES. Ukrainian Chemistry Journal, 2021, 87, 82-98. | 0.1 | 0 |
| 8 | Study of tetraphenylporphyrins as modifiers of insulin amyloid aggregation. Journal of Molecular Recognition, 2020, 33, e2811. | 1.1 | 8 |
| 9 | Synthesis and Reactivity of Zirconium and Hafnium Dihydroxophthalocyaninates. Russian Journal of Inorganic Chemistry, 2020, 65, 1489-1493. | 0.3 | 3 |
| 10 | Fluorescent Î²-ketoenole AmyGreen dye for visualization of amyloid components of bacterial biofilms. Methods and Applications in Fluorescence, 2020, 8, 035006. | 1.1 | 13 |
| 11 | SYNTHESIS OF MODYFIED FLUORESCEINE FOR CLICK REACTIONS. Ukrainian Chemical Journal, 2020, 86, 3-8. | 0.3 | 0 |
| 12 | Chemical design of the heterodifunctionalized iron(II) clathrochelates with terminal biorelevant carboxyl group and reactive triple Câ‰¡C bond: Synthesis, structure, redox properties and their stability in various media. Inorganica Chimica Acta, 2019, 496, 119047. | 1.2 | 4 |
| 13 | CRYSTAL STRUCTURE AND TAUTOMERISM OF ALKYLAMINO-Î²-KETOENOLS IN SOLUTIONS. Ukrainian Chemical Journal, 2019, 85, 73-82. | 0.3 | 0 |
| 14 | Characterization of the Interaction between Phthalocyanine and Amyloid Fibrils by Surface-Enhanced Raman Scattering (SERS). Analytical Letters, 2018, 51, 221-228. | 1.0 | 2 |
| 15 | Activity of Zn and Mg phthalocyanines and porphyrazines in amyloid aggregation of insulin. Journal of Molecular Recognition, 2018, 31, e2660. | 1.1 | 7 |
| 16 | Design of functionalized Î²-ketoenole derivatives as efficient fluorescent dyes for detection of amyloid fibrils. New Journal of Chemistry, 2018, 42, 13308-13318. | 1.4 | 15 |
| 17 | Gasochromic Î±,Î²â€“Ni(OH)2 films for the determination of CO and chlorine content. Sensors and Actuators B: Chemical, 2017, 244, 717-726. | 4.0 | 6 |
| 18 | The impact of binding of macrocyclic metal complexes on amyloid fibrillization of insulin and lysozyme. Journal of Molecular Recognition, 2017, 30, e2622. | 1.1 | 20 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Spectral manifestation of substitution of out-of-plane ligands in metallophtalocyanines. EPJ Web of Conferences, 2017, 132, 03044. | 0.1 | 0 |
| 20 | Î²-ketoenole dyes: Synthesis and study as fluorescent sensors for protein amyloid aggregates. Dyes and Pigments, 2016, 132, 274-281. | 2.0 | 10 |
| 21 | New photosensitive nanometric graphite oxide composites as antimicrobial material with prolonged action. Journal of Inorganic Biochemistry, 2016, 159, 142-148. | 1.5 | 25 |
| 22 | Anti-fibrillogenic properties of phthalocyanines: Effect of the out-of-plane ligands. Bioorganic and Medicinal Chemistry, 2014, 22, 6918-6923. | 1.4 | 11 |
| 23 | Towards the anti-fibrillogenic activity of phthalocyanines with out-of-plane ligands: correlation with self-association proneness. Biopolymers and Cell, 2013, 29, 473-479. | 0.1 | 11 |
| 24 | Using d-metal alkanoates as templates and the reaction medium for the synthesis of metal phthalocyanines. Macroheterocycles, 2013, 6, 360-362. | 0.9 | 1 |
| 25 | Novel zirconium (IV) and hafnium (IV) phthalocyanines with dibenzoylmethane as out-of-plane ligand: Synthesis, X-ray structure and fluorescent properties. Dyes and Pigments, 2012, 94, 187-194. | 2.0 | 19 |
| 26 | Studies of anti-fibrillogenic activity of phthalocyanines of zirconium containing out-of-plane ligands. Bioorganic and Medicinal Chemistry, 2012, 20, 330-334. | 1.4 | 19 |
| 27 | Electrochemistry and spectroelectrochemistry of zirconium(IV) and hafnium(IV) phthalocyanines with b-diketone axial ligands. Macroheterocycles, 2011, 4, 164-170. | 0.9 | 15 |
| 28 | Correlation between computer models of structure of 5-sulfosalicylato Zr(IV) phthalocyanine with results obtained by NMR, ESI-MS and UVâ€“Vis spectra. Optical Materials, 2010, 32, 1193-1201. | 1.7 | 12 |
| 29 | Dynamics of redox processes and electrochromism of films of zirconium (IV) phthalocyanines with out-of-plane Î²-dicarbonyl ligands. Solid State Ionics, 2009, 180, 928-933. | 1.3 | 11 |
| 30 | Spectroscopic, electrocatalytic, and photoelectrochemical characteristics of mixed-ligand bis(Î²-dicarbonylato) phthalocyanine complexes of zirconium(IV) and hafnium(IV). Theoretical and Experimental Chemistry, 2008, 44, 139-143. | 0.2 | 0 |
| 31 | Synthesis and spectral properties of Zr(IV) and Hf(IV) phthalocyanines with Î²-diketonates as axial ligands. Inorganica Chimica Acta, 2008, 361, 2569-2581. | 1.2 | 30 |
| 32 | Synthesis, structure, spectroscopic properties, and electrochemical behavior of mixed ligand bis(Î²-ketoesterato)zirconium (IV) and -hafnium (IV) phthalocyaninates. Inorganica Chimica Acta, 2007, 360, 1493-1501. | 1.2 | 12 |
| 33 | Synthesis and luminescent properties of new zirconium(IV) and hafnium(IV) phthalocyanines with various carbonic acids as out-planed ligands. Dyes and Pigments, 2007, 75, 67-72. | 2.0 | 30 |
| 34 | Physicochemical properties of novel mixed-ligand complexes of zirconium and hafnium bis(4-benzoyl-3-methyl-1-phenyl-2-pyrazolin-5-onato)phthalocyaninates. Theoretical and Experimental Chemistry, 2006, 42, 175-180. | 0.2 | 7 |
| 35 | Spectroscopic characterization of zirconium(IV) and hafniumf(IV) gallate phthalocyanines in monolithic silica gels obtained by solâ€“gel method. Optical Materials, 2005, 27, 1484-1494. | 1.7 | 20 |
| 36 | Ditopic Macropolycyclic Complexes:Â Synthesis of Hybrid Phthalocyaninoclathrochelates. Inorganic Chemistry, 2005, 44, 822-824. | 1.9 | 49 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Synthesis, Spectral Properties, and Antitumor Activity of a New Axially Substituted Phthalocyanine Complex of Zirconium(IV) with Citric Acid. Chemistry and Biodiversity, 2004, 1, 862-867. | 1.0 | 18 |
| 38 | Synthesis and spectral properties of axially substituted zirconium(IV) and hafnium(IV) water soluble phthalocyanines in solutions. Journal of Alloys and Compounds, 2004, 380, 186-190. | 2.8 | 16 |
| 39 | Electrochemical Behavior of Novel Bis(Î²-diketonate)phthalocyanine Complexes of Zr(IV) and Hf(IV). Theoretical and Experimental Chemistry, 2003, 39, 104-108. | 0.2 | 8 |
| 40 | Synthesis and properties of axially substituted zirconium(IV) and hafnium(IV) phthalocyanines with organic ligands. Journal of Porphyrins and Phthalocyanines, 2001, 05, 731-734. | 0.4 | 19 |
| 41 | MÃ¶ssbauer, Crystallographic, and Density Functional Theoretical Investigation of the Electronic Structure of Bis-Ligated Low-Spin Iron(II) Phthalocyanines. European Journal of Inorganic Chemistry, 2001, 2001, 733-743. | 1.0 | 48 |
| 42 | Synthesis, properties and MÃ¶ssbauer spectra of bisaxially co-ordinated iron(II) phthalocyanine low-spin complexes: the first semi-quantitative explanation of the influence of the character of axial ligands on the spectral parametersâ€Šâ€. Dalton Transactions RSC, 2000, , 1019-1025. | 2.3 | 24 |